allerair

AllerAir Industries

The NEW GENERATION of Environmentally Friendly Air Purification Systems

AIR DEFENDER 1500 ENVIRONMENTAL

Multiple environmental usage

THIS MACHINE IS USED IN ...

- Hotels
- Offices
- Shops
- Restaurants
- Bars / Pubs
- Athletic locker rooms
- Gyms
- Indoor pools
- Retail stores
- Lounges
- Airports
- Isolation wards
- Funeral homes

Our **Indoor Air Quality System** (IAQS) ensures the air you breathe inside is actually cleaner than the air outside.

CSQ IQNet UNI EN ISO 9001

Available in stainless steel

88 lbs. of carbon / 860 CFM

Unit dimension.
27.6" x 27.6" x 79"
700 mm x 700 mm x 2000 mm

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AllerAir Industries
Environmental Division
designed in Italy

Dec.15.04

ALLERAIR INDUSTRIES INC. Toll free; 1-888-852-8247 / Fax; (450) 688-3939 www.allerair.com
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AllerAir Industries

AIR DEFENDER 1500
ENVIRONMENTAL

Environmentally purified

This machine is designed for air purification. It removes micro-powders, bacteria, fumes from the air, by passing the air through a series of filters, ensuring that the air you breathe inside is cleaner than the air outside.

An exceptional machine for investing in health.

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Code	Description
902011163	Air Defender 1500 (with wheels) (dim. 27.6" x 27.6" x 79") (dim. 700 mm x 700 mm x 2000 mm)

Spare parts	
Synthetic Filters (Pre-filter + filter)	(3 months)
Filter HEPA H 13	(9 months)
Activated carbon filter (88 lbs.)	(12 months)

Technical characteristics		
Weight (including carbon)	lbs.	330
Air capacity	CFM	860
Activated carbon	lbs.	88
Electrical energy required	HP	0.47 HP
Motor rev.	RPM	1550

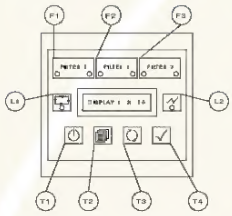
Options for the Air Defender 1500 (on request)

Code	Description
ADP 01	Control panel (Air purification panel)
PHI TUV11	Germicidal lamp
TLC DE01	Remote control with receiver on board
D8 RLQ	Air quality sensor (for machine auto-start)
BSM 01	Articulated lever with metal hood
BST 02	Articulated lever with transparent hood
QD AST	Sparkproof panel

Air purification control panel option

The air purification control panel ensures a better operating control of the units main functions.

Weekly starting / stopping can be programmed • Filter operating hours can be verified as well as the remaining operating hours • Filter pressure can be verified • Fan's total operating hours can be verified • Unit starting / stopping by means of the air quality feeler (optional) • UV germicidal lamp notification



The control panel was designed in order to control the main functions of the purification system unit.

This electronic control card assures that the unit is functioning properly by scheduling fan's starting operation, controlling the filters and UV lamp usage.

The control panel also allows easy and fast visibility to view the units condition.

Control buttons:

- Four key buttons: T1, T2, T3, T4.
- Two LED lights for unit function: L1, L2.
- Tree labels representing the filters: F1, F2, F3, each of them having two LED lights. (Green & Red)
- A LCD display screen 2 x 16 cm.

The control panel also displays the air quality and enables you to start the fan depending on air pollution.

The control panel can read sensors placed on the filters inlet and the other placed on the outlet, in order to check by comparison the filter's saturation.

Weekly starting can be programmed / Remaining filter functioning hours can be viewed / Fan's total functioning hours can be viewed.

AIR DEFENDER 1500 ENVIRONMENTAL

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